

# **[Circuit for compensating a degraded signal and associated method]**

## **Abstract of Disclosure**

A signal compensation circuit and associated method dynamically compensate for signal baseline wandering in a transmission line. The compensation circuit has a detection circuit and a correction circuit. The detection circuit first compares a transmission signal with a reference level and generates a comparison result. The correction circuit then corrects the transmission signal according to the comparison result. The compensation circuit can adjust its compensation over time based on the quality of the transmission signal.

## Figures